SURVEYING ENGINEERING TECHNOLOGY, A.ENGT.

Begin Campus: Greater Allegheny, Wilkes-Barre

End Campus: Wilkes-Barre

Program Educational Objectives

The Associate Surveying Engineering Technology program prepares students with technical and professional skills for the professional practice. Due to their experience in our program, within few years of graduation, we expect our graduates to have the ability to:

1. Proficiently apply basic principles and methods of surveying practice to perform surveys and analyze results.
2. Effectively convey technical and professional information in written, verbal, and graphic forms, as individuals and as members of a professional team.
3. Demonstrate their recognition of the importance of professional organizations for their development as surveying technologists.
4. Demonstrate their recognition of the need for continuous, life-long learning.

Student Outcomes

Student outcomes describe what students are expected to know and be able to do by the time of graduation. The Associate Surveying Engineering Technology program is designed to enable students to:

1. Apply knowledge, techniques, skills, and modern tools of mathematics, science, engineering, and technology to solve well-defined engineering problems appropriate to the discipline.
2. Design solutions for well-defined technical problems and assist with the engineering design of systems, components, or processes appropriate to the discipline.
3. Apply written, oral, and graphical communication in well-defined technical and non-technical environments; and an ability to identify and use appropriate technical literature.
4. Conduct standard tests, measurements, and experiments and to analyze and interpret the results.
5. Function effectively as a member of a technical team.